

# HARGROVE, SMELLEY, STRICKLAND & LANGLEY

JOSEPH L. HARGROVE, JR.  
DAVID L. SMELLEY  
PAUL A. STRICKLAND  
GLENN L. LANGLEY  
LOUISE F. PEARCE  
JONATHAN F. RABURN

(A PROFESSIONAL LAW CORPORATION)  
AMERICAN TOWER, SUITE 600  
401 MARKET STREET  
SHREVEPORT, LOUISIANA 71101-3239

THOMAS J. WYATT (1942-1996)

MAILING ADDRESS  
POST OFFICE BOX 59  
SHREVEPORT, LOUISIANA 71161-0059  
TELEPHONE (318) 429-7200  
TELECOPIER (318) 429-7201

OF COUNSEL  
WILLIAM G. CONLY

November 18, 2005

Honorable James H. Welsh  
Commissioner of Conservation  
State of Louisiana  
Post Office Box 44275  
Baton Rouge, Louisiana 70804-4275

Re: APPLICATION FOR PUBLIC HEARING.

Hosston Sand, Reservoir A; Bodcaw Sand of the  
Cotton Valley Formation, Reservoir A; and Cotton  
Valley Formation, Reservoir A; LONGWOOD  
FIELD, Caddo Parish, Louisiana.

Dear Sir:

MATADOR PRODUCTION COMPANY ("Applicant") hereby respectfully applies for a public hearing to consider evidence relative to the issuance of Orders pertaining to the following matters relating to the Hosston Sand, Reservoir A; to the Bodcaw Sand of the Cotton Valley Formation, Reservoir A; and to the Cotton Valley Formation, Reservoir A, in the Longwood Field, Caddo Parish, Louisiana:

1. To permit Applicant to drill, designate and utilize a substitute unit well and one (1) alternate unit well for HOSS RA SUT; a unit well and one (1) alternate unit well for HOSS RA SUU; a substitute unit well for HOSS RA SUV; a unit well and one (1) alternate unit well for HOSS RA SU57; a unit well and one (1) alternate unit well for HOSS RA SU58; a substitute unit well and one (1) alternate unit well for HOSS RA SU65; and a unit well for HOSS RA SU66; at the locations shown on attached plats.
2. To permit Applicant to drill, designate and utilize a substitute unit well and two (2) alternate unit wells for BOD RA SUN and for CV RA SUA; three (3) alternate unit wells for BOD RA SUAA and for CV RA SUZ; and two (2) alternate unit wells for BOD RA SUY and for CV RA SUEE; at the locations shown on attached plats.
3. To approve exceptions to the spacing provisions of Office of Conservation Order No. 123-C, effective February 1, 1972 (applicable to the Hosston Sand, Reservoir A), Office of Conservation Order No. 123-A-2, effective September 20, 1978 (applicable to the Cotton Valley Formation, Reservoir A), and of Office of Conservation Order No. 123-D, effective December 2, 1981 (applicable to the Bodcaw Sand of the Cotton Valley Formation, Reservoir A), for any of the proposed wells the location of which, as shown on the attached plats, does not comply with the spacing provisions of said Orders.
4. To find that each of the proposed wells is necessary to efficiently and economically drain a portion of the Hosston Sand, Reservoir A; the Bodcaw Sand of the Cotton Valley Formation,

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Reservoir A; and the Cotton Valley Formation, Reservoir A; underlying the unit on which it is proposed to be drilled which cannot be efficiently and economically drained by any existing well on these units.

5. To authorize the downhole combination of production from the Hosston Formation, Reservoir A, the Cotton Valley Formation, Reservoir A, and the Bodcaw Sand of the Cotton Valley Formation, Reservoir A, or any combination thereof, in the wellbore of any existing or subsequently drilled wells located on the units designated HOSS RA SUU, HOSS RA SUV, BOD RA SUN and CV RA SUA, in which the ownership interests in these units are identical; and from the Bodcaw Sand of the Cotton Valley Formation, Reservoir A, and the Cotton Valley Formation, Reservoir A, in the wellbore of any existing or subsequently drilled wells located on the identical units designated BOD RA SUAA and CV RA SUZ; and BOD RA SUY and CV RA SUEE; in which the ownership interests in these units are identical.

6. To designate Applicant as operator of each of the units which are the subject of this application.

7. To permit the operator of each of the units which are the subject of this application, and on which alternate unit wells are proposed to be drilled, to produce the unit allowable from either the unit or substitute unit well, any alternate unit well, or from any combination of such wells, at the option of the operator.

8. To discuss such other matters as may be pertinent to this application.

The Hosston Sand, Reservoir A, in the Longwood Field, Caddo Parish, Louisiana, was defined in Office of Conservation Order No. 123-C-17, effective April 4, 1990.

The Cotton Valley Formation, Reservoir A, in the Longwood Field, Caddo Parish, Louisiana, was defined in Office of Conservation Order No. 123-A-2, effective September 20, 1978, as corrected by Amended Correction to Order No. 123-A-2, effective March 29, 1983.

The Bodcaw Sand of the Cotton Valley Formation, Reservoir A, in the Longwood Field, Caddo Parish, Louisiana, was defined in Office of Conservation Order No. 123-D, effective December 2, 1981.

Any pertinent data concerning this application will be available for inspection at the offices of Louis F. Gilbert & Associates, Inc., 1101 South Hugh Wallis Road, Suite 201, Lafayette, Louisiana 70508. Any person wishing to inspect any such data should call Mr. Gilbert at (337) 233-3097 during normal business hours in order to arrange a date and time for such inspection. A copy of any such data which is not otherwise available at the Office of Conservation can be obtained from Applicant at the expense of the requesting party.

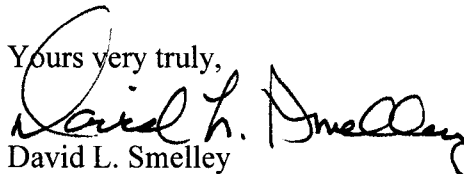
As provided by the Revised Rules of Procedure, the subject matter of this application does not require the issuance of a pre-application notice; therefore, no such notice has been issued.

Honorable James H. Welsh  
November 18, 2005  
Page 3

Pursuant to the aforesaid Rules of Procedure, Applicant has made a reasonable effort to obtain the names and addresses of all Interested Owners, Represented Parties and Interested Parties to whom notice of this application is being sent and has attached hereto a list of the names and addresses of such parties. A copy of this letter, and of each of the attached plats, is being sent to the District Manager of the Shreveport District of the Office of Conservation and to the Interested Owners, Represented Parties and Interested Parties, as shown on the attached list.

Applicant will provide for posting of a copy of the Legal Notice of this hearing, and the enclosed plats, at a prominent place in the area affected and will cause publication of the Legal Notice in a newspaper published in the general area of Longwood Field, all in accordance with the Revised Rules of Procedure. Furthermore, Applicant will mail a copy of the Legal Notice to all Interested Owners, Represented Parties and Interested Parties promptly upon receipt of the Legal Notice from the Commissioner.

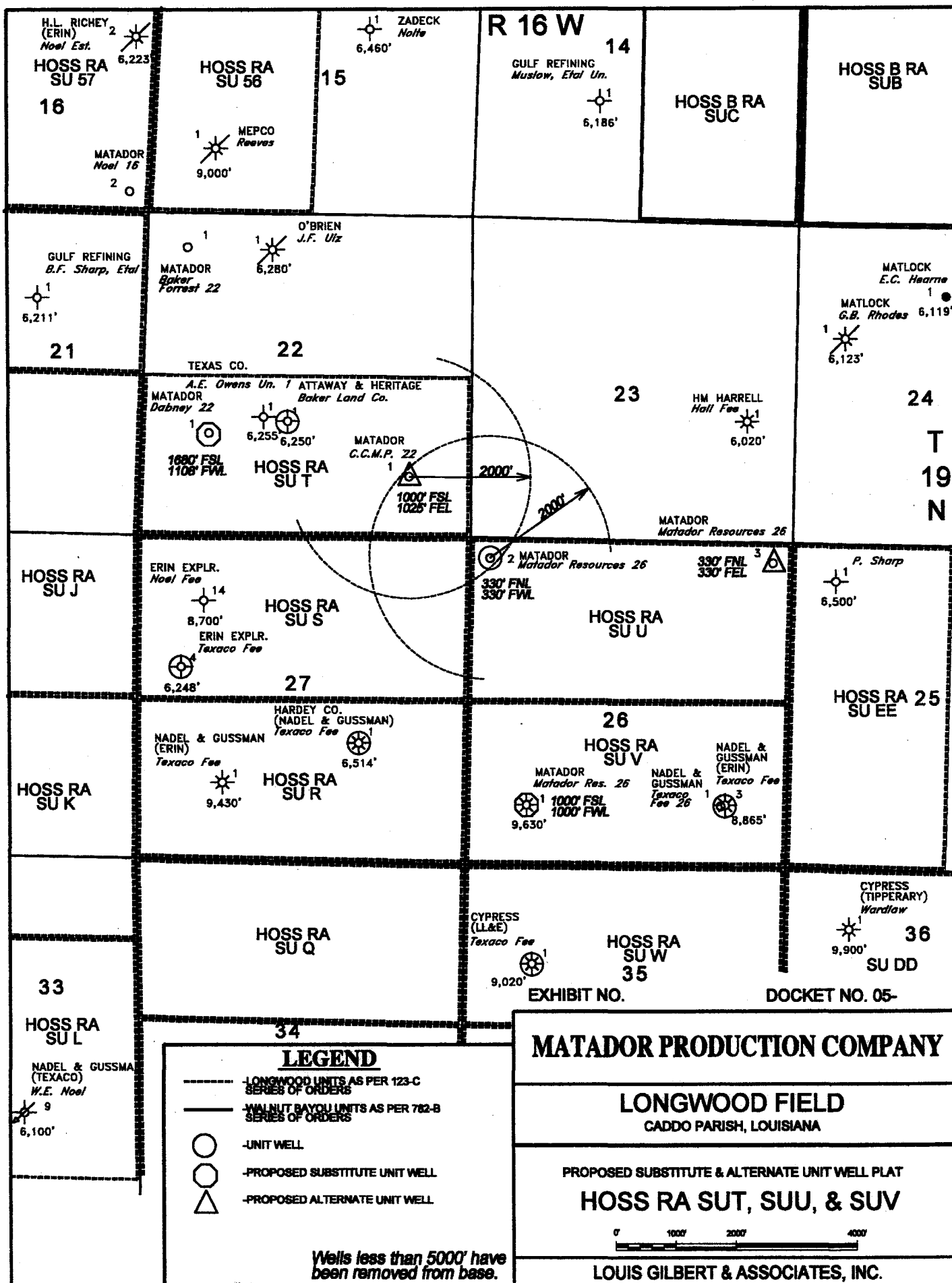
Finally, we enclose a check payable to the Commissioner of Conservation for the application fee.

Yours very truly,  
  
David L. Smelley

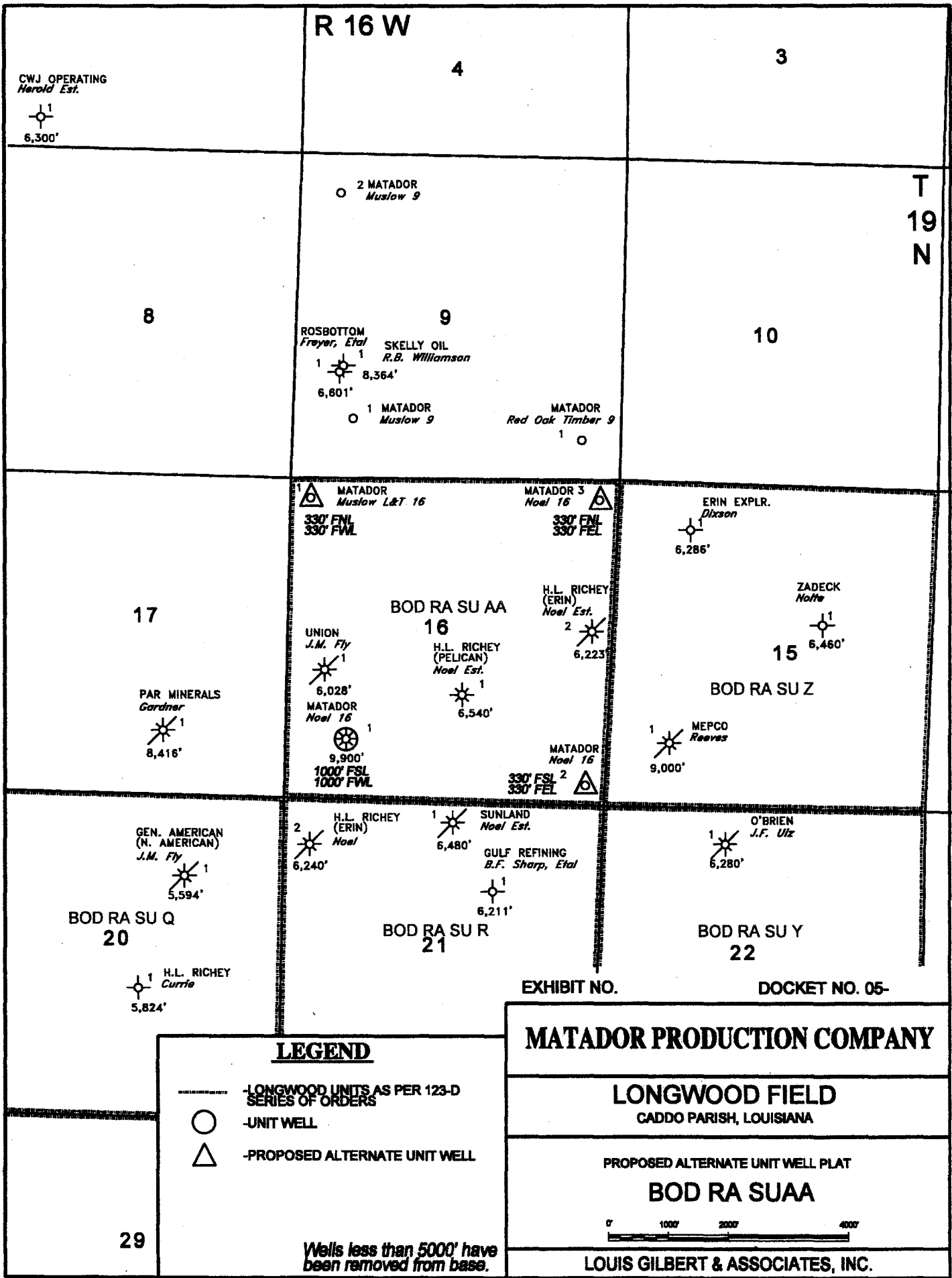
-- Attorney for Matador Production Company

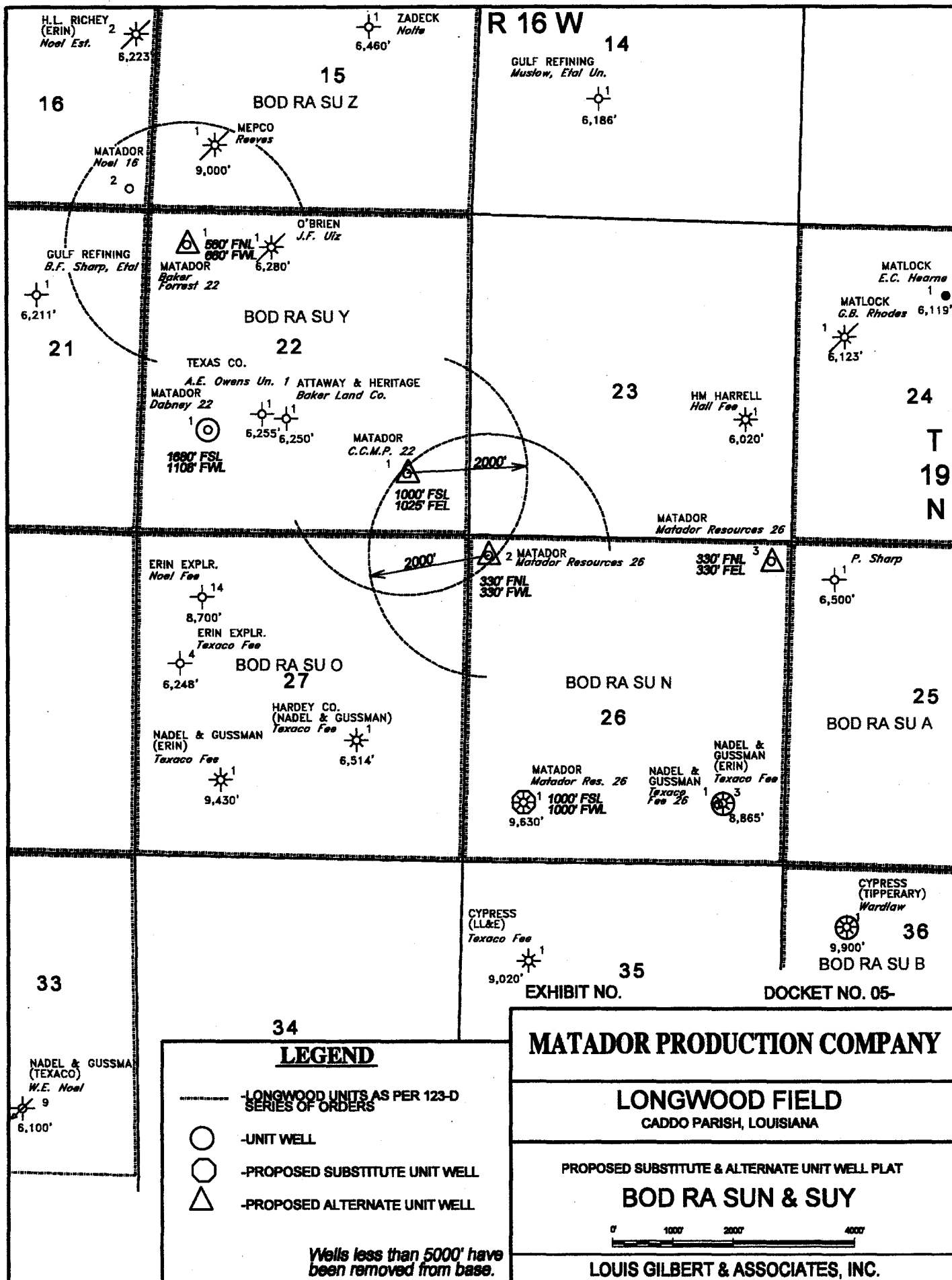
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Enclosures

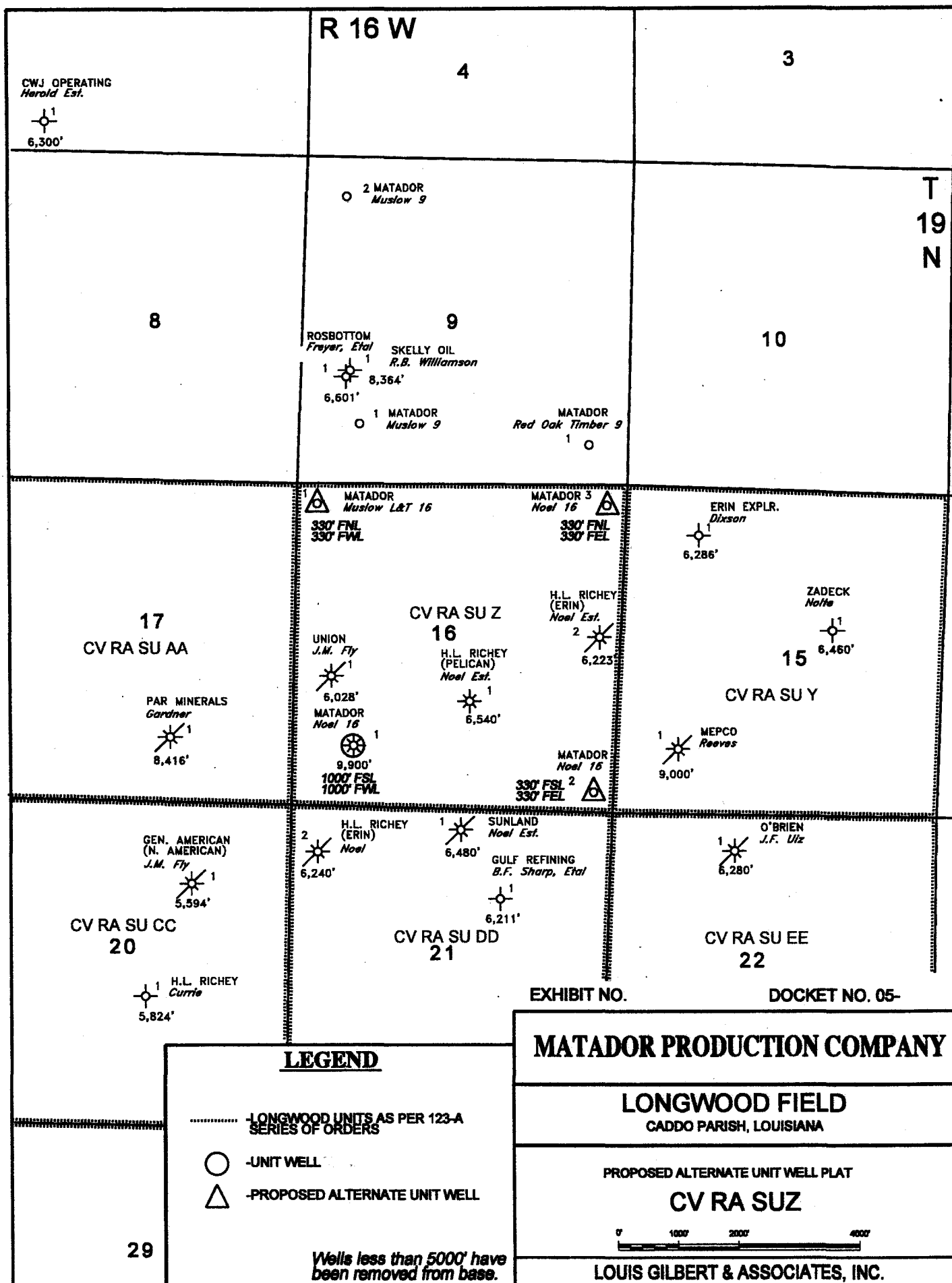
cc: Mr. Jim Broussard (w/encls.)  
Mr. Kevin Donahue (w/encls.)  
Mr. Louis Gilbert (w/encls.)  
Interested Owners, Represented  
Parties and Interested Parties (w/plats only)











R 16 W

4

3

CWJ OPERATING  
Harold Est.



6,300'

T  
19  
N

8

9

10

2 MATADOR  
Muslow 9

ROSBOTTOM  
Freyer, Etal

1

6,601'

SKELLY OIL  
R.B. Williamson

1

8,364'

1 MATADOR  
Muslow 9

MATADOR  
Red Oak Timber 9

1

1 MATADOR  
Muslow L&T 16  
330' FNL  
330' FNL

MATADOR 3  
Noel 16  
330' FNL  
330' FEL

ERIN EXPLR.  
Dixon  
6,286'

17  
CV RA SU AA

PAR MINERALS  
Gardner  
8,416'

CV RA SU Z  
16

UNION  
J.M. Fly  
6,028'

MATADOR  
Noel 16  
9,900'  
1000' FSL  
1000' FNL

H.L. RICHEY  
(PELICAN)  
Noel Est.  
6,540'

H.L. RICHEY  
(ERIN)  
Noel Est.  
6,223'

ZADECK  
Nolte  
6,460'

CV RA SU Y

MEPCO  
Reeves  
9,000'

GEN. AMERICAN  
(N. AMERICAN)  
J.M. Fly  
5,594'

CV RA SU CC  
20

H.L. RICHEY  
Currie  
5,824'

H.L. RICHEY  
(ERIN)  
Noel  
6,240'

SUNLAND  
Noel Est.  
6,480'

GULF REFINING  
B.F. Sharp, Etal  
6,211'

CV RA SU DD  
21

O'BRIEN  
J.F. Uiz  
6,280'

CV RA SU EE  
22

EXHIBIT NO.

DOCKET NO. 05-

### LEGEND

LONGWOOD UNITS AS PER 123-A  
SERIES OF ORDERS



-UNIT WELL



-PROPOSED ALTERNATE UNIT WELL

29

Wells less than 5000' have  
been removed from base.

MATADOR PRODUCTION COMPANY

LONGWOOD FIELD  
CADDO PARISH, LOUISIANA

PROPOSED ALTERNATE UNIT WELL PLAT

CV RA SU Z

0 1000' 2000' 4000'

LOUIS GILBERT & ASSOCIATES, INC.

